

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XI.

WASHINGTON, D. C., OCTOBER 30, 1896.

No. 44.

UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

One death from yellow fever at New York Quarantine.

QUARANTINE, STATEN ISLAED, October 22, 1896.

DEAR SIR: I have the honor to inform you that Thomas Andrew Saweckoe, a second cabin passenger on the steamship *Yucatan*, which arrived at this port on Monday, October 19, was removed to Hoffman Island for observation, not having an acclimatization certificate issued by Dr. Burgess. He subsequently became ill and developed yellow fever, of which he died at 10.30 last evening.

Respectfully,

A. H. DOTY,

Health Officer, Port of New York.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to October 28, 1896.**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1		
	July 5.....	1		
Arkansas:				
Conway County.....	Sept. 18.....	1		
Faulkner County.....	do.....	9		
Van Buren County.....	do.....			Smallpox reported.
Florida:				
Key West.....	June 25-Aug. 3....	42	8	
Pensacola.....	May 20-July 4....	5	2	
	July 11-July 18....	1		
Indiana:				
Indianapolis.....	May 29.....	1		
Louisiana:				
New Orleans.....	May 9-July 18....	83	24	
	July 25-Aug. 22....	7	2	
	Sept. 19-Sept. 25....	1		
Shreveport.....	May 16-May 30....	2		
	June 6-June 13....	6		

* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, May 9, 1896, to October 28, 1896—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
New York:				
New York.....	May 1-May 31....	1	1	
North Hempstead.....	do	1		
Ohio:				
Dayton.....	May 28-June 4....	1	1	
	June 18-June 25....	1	1	
	July 2-July 9....		1	
Tennessee:				
Memphis.....	May 1-May 30....	10		
Shelby County (not including Memphis).	May 1-May 31....	8	2	
	June 1-June 30....	3		
	July 1-July 31....	5	2	
Tipton County.....	June 1-June 30....	14	2	
	July 1-July 31....	8		
	Aug. 1-Aug. 31....	1		
Washington:				
Seattle.....	May 23.....	1		Case occurred April 27; now convalescent.
	Aug. 1-Aug. 31....	4	1	

Report of immigration at Boston for the week ended October 24, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, October 24, 1896.

Number of alien immigrants who arrived at this port during the week ended October 24, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 18	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	161
Do....	Steamship Bothnia.....	Liverpool and Queenstown	181
Oct. 19	Steamship Halifax.....	Halifax, Nova Scotia.....	93
Oct. 21	Steamship Boston.....	Yarmouth, Nova Scotia.....	75
Do....	Steamship Columbian.....	London, England.....	3
Oct. 22	Steamship Olivette.....	Halifax, Nova Scotia.....	47
Do....	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	72
Oct. 24	Steamship Boston.....	do.....	55
	Total.....		687

THOMAS F. DELHANTY,
Commissioner of Immigration.

*Report of immigration at New York for the week ended October 24, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, October 27, 1896.**Number of alien immigrants who arrived at this port during the week ended October 24, 1896 ;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 18	Steamship Sorrento.....	Hamburg.....	168
Do....	Steamship La Gascogne.....	Havre.....	235
Oct. 19	Steamship Obdam.....	Rotterdam.....	242
Oct. 20	Steamship Ethiopia.....	Glasgow.....	65
Do....	Steamship Westernland.....	Antwerp.....	133
Oct. 22	Steamship Lahn.....	Bremen.....	251
Do....	Steamship Karlsruhe.....	.....do.....	144
Do....	Steamship Karamania.....	Genoa and Naples.....	490
Do....	Steamship Germanic.....	Liverpool and Queenstown.....	208
Oct. 23	Steamship California.....	Hamburg and Havre.....	309
Do....	Steamship Patria.....	Hamburg.....	340
Do....	Steamship Coleridge.....	Rio de Janeiro and Bahia.....	7
Oct. 24	Steamship Maasdam.....	Rotterdam and Boulogne.....	115
	Total.....		2,707

Dr. J. H. SENNER,
*Commissioner of Immigration.**Report of immigration at Philadelphia for the week ended October 24, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, October 24, 1896.**Number of alien immigrants who arrived at this port during the week ended October 24,
1896 ; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 18	Steamship Carthaginian.....	Glasgow.....	3
Oct. 19	Steamship Pennland.....	Liverpool and Queenstown.....	105
Do....	Steamship Asturia.....	Hamburg.....	59
Oct. 20	Steamship Pennsylvania.....	Antwerp.....	66
	Total.....		233

JNO. J. RODGERS,
Commissioner of Immigration.

QUARANTINE REPORTS.

National quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Beaufort, N. C.	Oct. 17	Nor. bk. Birgitte*	Oct. 4	Rio	Brunswick	Disinfected and held.	Oct. 14	No transactions.	4
Brunswick, Ga.	do.	Nor. bk. Holden*	Oct. 8	Pernambuco	do	do	do		
		Sp. brig. Margarita Sintes.	Oct. 16	Habana	do	do	do		
Cape Charles, Va.	Oct. 24								7
Del. Breakwater, Del.	Oct. 17								8
Eureka, Cal.	Oct. 24								3
Gulf, Ship Island, Miss.	Oct. 14								
	Oct. 17	Nor. bk. Bessie Hamilton.	Oct. 1	Rio	Ship Island	Disinfected and held.	Oct. 15	No transactions.	
		Am. sc. Eleanor*	Oct. 7	Habana	do	do	Oct. 12		
		Am. sc. Florence and Lillian.	Oct. 8	do	Pascagoula	do	Oct. 16		
		Am. sc. Frank B. Neally*	Oct. 9	Calbarien	do	do	Oct. 13		
Newbern, N. C.	do	Am. bk. G. Lezaldo.	Oct. 14	Kingston	do	Held for disinfection.		No transactions.	6
Port Townsend, Wash.	do					3 pieces of Chinese baggage disinfected.			15
Reedy Island, Del.	Oct. 24								3
San Diego, Cal.	Oct. 17								
South Atlantic, Blackboard Island, Ga.	do.	Ital. bk. Leonardo*	Sept. 25	Rio	Savannah	Disinfected and held.	Oct. 13		
		Por. bk. Arcelina*	do	do	do	do	Oct. 15		
		Ger. bk. Tiana*	Sept. 28	do	do	do	Oct. 11		
		Nor. bk. Nor.*	do	Demerara	Wilmington	do	Oct. 16		
		Br. bk. Knight Commander.*	Sept. 30	Santos	Savannah	Discharging ballast.			
		Br. ss. Viola*	Oct. 3	Habana	do	Disinfected and held.	Oct. 11		
		Sp. ss. Juan Forza	Oct. 12	do	do	do			
		Am. sch. Millie R. Bohannan.	Oct. 15	Tuxpam, via New York.	Darien	do			
		Br. ss. Ripon City	Oct. 17	Rosario, via Para and St. Lucia.	Savannah	Held for disinfection.			
Southport, N. C.	Oct. 24	Nor. bk. Nor.	Oct. 19	Demerara	Wilmington	Held for completion of period of observation.	Oct. 21	No transactions.	1
Washington, N. C.	do.								

* Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Apalachicola, Fla.....	Oct. 24	Nor. bk. Ragna.....	Oct. 2	Para.....	Apalachicola.....	Disinfected and held.....	Oct. 20	.....	3
Boston, Mass.....	Oct. 17	Nor. bk. Memento.....	Oct. 13	Port Natal, via Barbados.....	.....do.....	.....do.....	Oct. 22	.....	9
Charleston, S. C.....	Oct. 24	.....	.....	.....	.....	.....	.....	.....	20
Elizabeth River, Va.....	do.....	.....	.....	.....	.....	.....	.....	.....	1
Fernandina, Fla.....	do.....	Am. sc. Gertrude Abbott.....	Oct. 12	Sagua via New York.....	Fernandina.....	Disinfected and held.....	Oct. 18	.....	6
Galveston, Tex.....	Oct. 17	Am. sr. Dauntless.....	Oct. 24	New Smyrna.....	Jacksonville.....	Held for disinfection.....	Oct. 12	.....	3
		Br. ss. Cholerton.....	Oct. 9	Habana.....	Galveston.....	Disinfected and held.....	Oct. 11	.....	25
		Br. ss. Seaside.....	.....do.....	Port Limon.....	.....do.....	.....do.....	.....do.....	.....	.....
		Br. ss. Craigmere.....	Oct. 10	Habana.....	.....do.....	.....do.....	Oct. 16	.....	.....
		Sp. ss. Ramon de Lar.....	.....	Habana.....	.....do.....	.....do.....	.....	.....	.....
		Br. ss. Castledale.....	Oct. 13	Demerara.....	.....do.....	.....do.....	Oct. 15	.....	.....
		Br. ss. Birchfield.....	Oct. 14	Rio.....	.....do.....	.....do.....	Oct. 16	.....	.....
		Br. ss. Benita.....	.....do.....	Puerto Rico.....	.....do.....	.....do.....	.....do.....	.....	.....
		Br. ss. Sabia.....	Oct. 11	St. Kitts.....	.....do.....	.....do.....	Oct. 13	.....	.....
		Br. ss. Woodleigh.....	Oct. 17	St. Vincent.....	.....do.....	.....do.....	.....	No transactions.....	6
Georgetown, S. C.....	Oct. 25	Br. bk. Jessie Stowe.....	Oct. 13	Santos.....	Mobile.....	Disinfected and held.....	Oct. 22	.....	.....
Key West, Fla.....	Oct. 21	Nor. bk. Francis Minor.....	Oct. 20	Perambuco.....	.....do.....	.....do.....	.....	.....	.....
Mobile Bay, Ala.....	do.....	Ger. bk. Gotta.....	Oct. 23	Para.....	.....do.....	Held for disinfection.....	.....	.....	.....
		Nor. ss. Washington.....	Oct. 24	Vera Cruz.....	.....do.....	Disinfected and held.....	.....	.....	.....
		Am. sc. Frank Knud.....	.....do.....	.....do.....	.....do.....	Held for disinfection.....	.....	No transactions.....	7
Newport, R. I.....	do.....	.....	.....	.....	.....	.....	.....	.....	12
Newport News, Va.....	do.....	.....	.....	.....	.....	.....	.....	.....	9
Mayport (Jacksonville), Fla.....	Oct. 25	.....	.....	.....	.....	.....	.....	No transactions.....	11
Providence, R. I.....	Oct. 24	.....	.....	.....	.....	.....	.....	.....	.....
Sabine Pass, Tex.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....
Tampa Bay, Fla.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....

* Previously reported.

Reports of States and yearly and monthly reports of cities.

COLORADO—*Denver*.—Month of September, 1896. Estimated population, 150,000. Total deaths, 123, including diphtheria, 1; enteric fever, 28, and phthisis pulmonalis, 22.

ILLINOIS—*Chicago*.—Month of September, 1896. Estimated population, 1,750,000. Total deaths, 1,658, including diphtheria, 93; measles, 2; scarlet fever, 5; enteric fever, 87; whooping cough, 28, and phthisis pulmonalis, 174.

IOWA—*Dubuque*.—Month of September, 1896. Estimated population, 40,000. Total deaths, 22, including diphtheria, 5; enteric fever, 2, and phthisis pulmonalis, 3.

MICHIGAN.—Reports to the State board of health, Lansing, Mich., from 54 observers indicate that during the week ended October 17, 1896, erysipelas and inflammation of the kidney increased, and typhoid fever decreased in area of prevalence. During the week phthisis pulmonalis was reported at 229 places, enteric fever at 67, diphtheria at 34, scarlet fever at 25, whooping cough at 11, and measles at 10 places.

MISSOURI—*Kansas City*.—Month of September, 1896. Estimated population, 165,000. Total deaths, 126, including diphtheria and croup, 7; enteric fever, 3, and phthisis pulmonalis, 5.

St. Louis.—Month of September, 1896. Estimated population, 570,000. Total deaths, 682, including diphtheria and croup, 38; whooping cough, 6; enteric fever, 13, and phthisis pulmonalis, 89.

NEBRASKA—*Omaha*.—Month of August, 1896. Population, United States census 1890, 140,452. Total deaths, 77, including diphtheria and croup, 5; enteric fever, 3, and phthisis pulmonalis, 4.

Month of September, 1896. Total deaths, 63, including diphtheria and croup, 6; enteric fever, 3, and phthisis pulmonalis, 5.

NEW JERSEY—*Paterson*.—Month of September, 1896.—Estimated population, 103,828. Total deaths, 137, including scarlet fever, 3; diphtheria and croup, 18; enteric fever, 5, and phthisis pulmonalis, 5.

UTAH—*Salt Lake City*.—Month of September, 1896. Estimated population, 70,000. Total deaths, 50, including enteric fever, 4, and phthisis pulmonalis, 3.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Ashtabula, Ohio.....	Oct. 24.....	8,338	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle Creek, Mich.....	Oct. 17.....	13,197	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	Oct. 24.....	448,477	307	30	.....	.....	.....	.....	.....	8	2	10	1
Braddock, Pa.....	Oct. 17.....	8,561	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooklyn, N. Y.....	Oct. 24.....	27,294	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brownsville, Tex.....	Oct. 24.....	806,343	340	45	.....	.....	.....	.....	.....	8	1	16	3
Bucyrus, Ohio.....	Oct. 17.....	6,134	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butler, Pa.....	Oct. 24.....	5,974	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	Oct. 24.....	8,734	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston, S. C.....	Oct. 24.....	70,028	19	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.....	Oct. 17.....	64,985	143	4	.....	.....	.....	.....	1	.....	.....	.....	.....
Cincinnati, Ohio.....	Oct. 23.....	1,099,880	415	34	.....	.....	.....	.....	17	1	28	1	3
Cincinnati, Ohio.....	Oct. 24.....	296,908	106	13	.....	.....	.....	.....	5	.....	.....	.....	.....
Cincinnati, Ohio.....	Oct. 24.....	35,005	14	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland, Ohio.....	Oct. 17.....	261,353	81	5	.....	.....	.....	.....	1	.....	.....	.....	3
Columbus, Ind.....	Oct. 17.....	88,150	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Council Bluffs, Iowa.....	Oct. 10.....	21,474	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 17.....	21,474	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Concord, N. H.....	Oct. 17.....	17,044	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	Oct. 22.....	61,220	16	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Dedham, Mass.....	Oct. 17.....	7,123	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Denver, Colo.....	Oct. 17.....	106,713	28	3	.....	.....	.....	.....	.....	3	.....	.....	.....
Dunkirk, N. Y.....	Oct. 17.....	9,416	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elizabeth, N. J.....	Oct. 24.....	37,764	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Emporia, Kans.....	Oct. 17.....	7,551	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erie, Pa.....	Oct. 17.....	40,634	14	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Everett, Mass.....	Oct. 16.....	11,068	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 23.....	11,068	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall River, Mass.....	Oct. 24.....	74,398	35	2	.....	.....	.....	.....	2	1	.....	.....	.....
Fitchburg, Mass.....	Oct. 17.....	22,037	6	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Flint, Mich.....	Oct. 17.....	9,803	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gloucester, Mass.....	Oct. 17.....	24,651	9	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Grand Rapids, Mich.....	Oct. 17.....	60,278	17	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Haverhill, Mass.....	Oct. 24.....	27,412	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ironton, Ohio.....	Oct. 17.....	10,939	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville, Fla.....	Oct. 17.....	17,201	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jersey City, N. J.....	Oct. 18.....	163,003	64	13	.....	.....	.....	.....	1	.....	.....	5	.....
Johnstown, Pa.....	Oct. 17.....	21,805	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kalamazoo, Mich.....	Oct. 17.....	17,853	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lynchburg, Va.....	Oct. 24.....	19,709	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, N. H.....	Oct. 17.....	44,126	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massillon, Ohio.....	Oct. 17.....	10,092	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McKeesport, Pa.....	Oct. 17.....	20,741	13	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Medford, Mass.....	Oct. 17.....	11,079	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 24.....	11,079	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Melrose, Mass.....	Oct. 17.....	8,519	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.....	Oct. 24.....	64,495	27	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, Ohio.....	Oct. 17.....	7,681	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mobile, Ala.....	Oct. 24.....	31,076	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minneapolis, Minn.....	Oct. 17.....	164,738	38	1	.....	.....	.....	.....	2	.....	.....	5	.....
Do.....	Oct. 24.....	164,738	40	2	.....	.....	.....	.....	2	.....	.....	.....	.....
Nashville, Tenn.....	Oct. 10.....	76,168	23	5	.....	.....	.....	.....	2	.....	.....	2	.....
Do.....	Oct. 24.....	76,168	25	1	.....	.....	.....	.....	2	.....	.....	1	.....
New Bedford, Mass.....	Oct. 17.....	40,733	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Brighton, N. Y.....	Oct. 17.....	16,423	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newburyport, Mass.....	Oct. 10.....	13,947	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 17.....	13,947	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Orleans, La.....	Oct. 24.....	242,039	148	18	.....	.....	.....	.....	.....	1	.....	3	.....
Newport, R. I.....	Oct. 24.....	19,457	7	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Newton, Mass.....	Oct. 24.....	24,379	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.....	Oct. 24.....	1,515,301	679	95	.....	.....	.....	.....	.....	9	5	16	2
Norristown, Pa.....	Oct. 17.....	19,791	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 24.....	19,791	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Omaha, Nebr.....	Oct. 10.....	140,452	17	1	.....	.....	.....	.....	.....	2	.....	.....	.....
Do.....	Oct. 17.....	140,452	16	1	.....	.....	.....	.....	.....	1	.....	3	.....
Pensacola, Fla.....	Oct. 17.....	11,750	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.....	Oct. 24.....	1,046,964	374	33	.....	.....	.....	.....	.....	5	1	15	3
Pittsfield, Mass.....	Oct. 17.....	17,281	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portland, Me.....	Oct. 17.....	36,425	19	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 24.....	36,425	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poughkeepsie, N. Y.....	Oct. 17.....	22,206	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	Oct. 24.....	132,146	43	4	.....	.....	.....	.....	.....	1	.....	2	.....

* Estimated population, 65,165 (white, 28,870; colored, 36,295). † White, 10; colored, 33.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Pueblo, Colo.....	Oct. 17....	24,558	7	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Salt Lake City, Utah.....	do.....	44,843	15	1	.....	.....	.....	.....	.....	5	.....	2	.....
San Diego, Cal.....	Oct. 3....	16,159	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 17....	16,159	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Francisco, Cal.....	do.....	298,997	124	12	.....	.....	.....	.....	.....	1	.....	.....	.....
Scranton, Pa.....	do.....	75,215	24	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Seattle, Wash.....	do.....	42,837	9	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Springfield, Mass.....	Oct. 24....	44,179	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stockton, Cal.....	Oct. 19....	42,424	13	1	.....	.....	.....	.....	.....	.....	.....	2	.....
Taunton, Mass.....	Oct. 17....	25,448	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utica, N. Y.....	do.....	44,007	16	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waltham, Mass.....	do.....	18,707	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	do.....	230,392	116	14	.....	.....	.....	.....	.....	10	.....	5	.....
Winona, Minn.....	do.....	18,208	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.....	Oct. 16....	32,033	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 23....	32,033	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Youngstown, Ohio.....	Oct. 17....	33,220	8	.....	.....	.....	.....	.....	.....	1	.....	1	.....

Table of temperature and rainfall, week ended October 19, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	46	2	.....	.92	.05	.....
Portland, Me.....	47	.....	0	.90	.94	.....
Northfield, Vt.....	44	.....	3	.49	.81	.....
Boston, Mass.....	51	.....	2	.98	.61	.....
Vineyard Haven, Mass.....	54	.....	2	.91	.37	.....
Nantucket, Mass.....	54	.....	4	.91	.....	.06
Woods Hole, Mass.....	54	.....	4	.91	.....	.10
Block Island, R. I.....	54	.....	3	1.05	.27	.....
New Haven, Conn.....	52	.....	4	.91	.10	.....
Albany, N. Y.....	51	.....	4	.70	.44	.....
New York, N. Y.....	56	.....	6	.77	.02	.....
Harrisburg, Pa.....	52	.....	2	.70	.....	.45
Philadelphia, Pa.....	57	.....	5	.63	.30	.....
New Brunswick, N. J.....	54	.....	3	.82	.02	.....
Atlantic City, N. J.....	56	.....	4	.70	.....	.42
Baltimore, Md.....	58	.....	4	.65	.....	.65
Washington, D. C.....	57	.....	4	.70	.....	.66
Lynchburg, Va.....	58	.....	4	.74	.....	.66
Cape Henry, Va.....	61	.....	3	.84	.....	.41
Norfolk, Va.....	62	.....	6	.87	.....	.38
Charlotte, N. C.....	61	.....	5	.84	.....	.78
Raleigh, N. C.....	60	.....	4	1.28	.....	.02
Kittyhawk, N. C.....	64	.....	6	.78	.....	.63
Hatteras, N. C.....	65	.....	4	1.40	.....	1.19
Wilmington, N. C.....	65	.....	6	.78	.....	.69
Columbia, S. C.....	64	.....	5	.55	.....	.55
Charleston, S. C.....	68	.....	7	.92	.....	.04
Augusta, Ga.....	66	.....	7	.56	.....	.56
Savannah, Ga.....	68	.....	5	.80	.....	.75
Jacksonville, Fla.....	72	.....	7	1.21	.....	1.21
Jupiter, Fla.....	78	.....	7	2.15	.....	.06
Key West, Fla.....	79	.....	.....	1.17	.....	.....
Gulf States:						
Atlanta, Ga.....	63	.....	6	.42	.....	.42
Tampa, Fla.....	73	.....	5	.50	.10	.....
Pensacola, Fla.....	70	.....	5	.71	.....	.71
Mobile, Ala.....	69	.....	7	.77	.....	.77
Montgomery, Ala.....	67	.....	6	.49	.....	.49
Vicksburg, Miss.....	67	.....	7	.52	.....	.52
New Orleans, La.....	71	.....	6	.64	.....	.64
Shreveport, La.....	67	.....	6	.63	.....	.63
Fort Smith, Ark.....	63	.....	6	.56	.....	.56
Little Rock, Ark.....	64	.....	5	.51	.....	.51
Palestine, Tex.....	67	.....	3	.70	.....	.70
Galveston, Tex.....	73	.....	4	.87	.....	.81
San Antonio, Tex.....	70	.....	5	.33	1.42	.....
Corpus Christi, Tex.....	74	.....	6	.44	.84	.....
Ohio Valley and Tennessee:						
Memphis, Tenn.....	63	.....	5	.56	.....	.56
Nashville, Tenn.....	61	.....	5	.49	.....	.49
Chattanooga, Tenn.....	61	.....	6	.49	.....	.49
Knoxville, Tenn.....	60	.....	7	.63	.....	.63
Louisville, Ky.....	59	.....	5	.63	.....	.60
Indianapolis, Ind.....	54	.....	5	.60	.....	.59
Cincinnati, Ohio.....	57	.....	7	.55	.....	.53
Columbus, Ohio.....	54	.....	7	.56	.....	.52
Parkersburg, W. Va.....	54	.....	5	.70	.07	.....
Pittsburg, Pa.....	55	.....	7	.52	.61	.....
Lake Region:						
Oswego, N. Y.....	49	.....	4	.74	.....	.44
Rochester, N. Y.....	49	.....	5	.64	.....	.62
Buffalo, N. Y.....	50	.....	5	.84	.....	.28
Erie, Pa.....	52	.....	6	.91	.....	.44
Cleveland, Ohio.....	53	.....	7	.63	.....	.45
Sandusky, Ohio.....	53	.....	6	.63	.....	.16
Toledo, Ohio.....	52	.....	6	.56	.....	.28
Detroit, Mich.....	52	.....	6	.56	.....	.32
Lansing, Mich.....	50	.....	6	.56	.....	.86
Port Huron, Mich.....	49	.....	4	.63	.....	.54
Alpena, Mich.....	45	.....	4	.85	.....	.77
Sault Ste. Marie, Mich.....	44	.....	5	.77	.....	.70
Marquette, Mich.....	45	.....	4	.70	.....	.43
Green Bay, Wis.....	47	.....	4	.56	.....	.36

* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended October 19, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	49		5	.70		.46
Milwaukee, Wis.....	50			.54		
Chicago, Ill.....	52		5	.65	.29	
Duluth, Minn.....	45		3	.57		.30
Upper Mississippi Valley:						
St. Paul, Minn.....	48		4	.41		.41
La Crosse, Wis.....	50		7	.45		.45
Dubuque, Iowa.....	51		4	.57		.57
Davenport, Iowa.....	52		4	.58		.58
Des Moines, Iowa.....	52		3	.70		.70
Keokuk, Iowa.....	54		3	.63		.63
Springfield, Ill.....	55		4	.56		.56
Cairo, Ill.....	60		5	.58		.58
St. Louis, Mo.....	58		3	.63		.46
Missouri Valley:						
Columbia, Mo.....	57		5	.22		.22
Springfield, Mo.....	59		6	.58		.58
Kansas City, Mo.....	57		4	.77		.77
Wichita, Kans.....	58		3	.41		.41
Concordia, Kans.....	55		3	.35		.35
Lincoln, Nebr.....	54			.46		
Omaha, Nebr.....	53		3	.57		.57
Sioux City, Iowa.....	52		5	.42		.42
Yankton, S. Dak.....	50		2	.28		.28
Valentine, Nebr.....	49			.21		
Huron, S. Dak.....	47		2	.28		.28
Pierre, S. Dak.....	50		2	.14		.14
Moorhead, Minn.....	43		1	.47		.46
Bismarck, N. Dak.....	44		0	.21		.21
Williston, N. Dak.....	44	2		.24		.24
Rocky Mountain Region:						
Havre, Mont.....	44	2		.14		.14
Helena, Mont.....	45	6		.21		.21
Miles City, Mont.....	46	2		.21		.21
Rapid City, S. Dak.....	49	0		.14		.14
Spokane, Wash.....	47	6		.35		.35
Wallawalla, Wash.....	47	2		.39		.39
Baker City, Oreg.....	55	9		.28		.28
Winnemucca, Nev.....	45	6		.07		.07
Salt Lake City, Utah.....	48	6		.35		.35
Lander, Wyo.....	51	3		.21		.21
Cheyenne, Wyo.....	43	3		.14		.14
North Platte, Nebr.....	46	2		.21		.21
Denver, Colo.....	50		1	.21		.21
Pueblo, Colo.....	51	1		.21		.21
Dodge City, Kans.....	52		3	.28		.28
Oklahoma City, Okla.....	56		5	.32		.32
Amarillo, Tex.....	62		0	.34	1.65	
Abilene, Tex.....	54		6	.54	1.09	
Santa Fe, N. Mex.....	66		2	.21	.44	
El Paso, Tex.....	50		3	.21	.57	
Phoenix, Ariz.....	64			.14		.14
Pacific Coast:						
Port Angeles, Wash.....	70	2				
Fort Canby, Wash.....	48	3		.56		.56
Astoria, Oreg.....	54	0		1.22		1.22
Portland, Oreg.....	56		1	1.09		1.09
Roseburg, Oreg.....	54	6		.92		.92
Eureka, Cal.....	54	5		.63		.63
Red Bluff, Cal.....	52			.56		
Carson City, Nev.....	63	6		.28		.28
Sacramento, Cal.....	50	2		.07		.07
San Francisco, Cal.....	62	3		.21		.21
Fresno, Cal.....	60		3	.28		.28
Los Angeles, Cal.....	66	3		.14		.14
San Diego, Cal.....	64	6		.16		.16
Yuma, Ariz.....	63			.09		
	72	5		.07		.07

*The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to October 28, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....
Austria-Hungary.....	Nov. 19-Dec. 2...	43	25	} From outbreak (August 23, 1896) to date 453 cases, 296 deaths.
	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
Egypt:*				
Alexandria.....	Dec. 24-Dec. 31...	.....	1	
	Dec. 29-Apr. 26...	130	115	
	May 1-May 13...	.....	145	
	May 14-May 20...	.....	162	
	May 19-May 28...	.....	202	
	May 29-June 7...	.....	66	
	June 9-June 14...	.....	15	
	June 15-July 20...	.....	80	
	Aug. 9-Aug. 15...	22	21	
	Aug. 16-Aug. 29...	64	55	
	Aug. 29-Sept. 5...	18	15	
Cairo.....	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...	.....	138	
	May 19-May 28...	.....	372	
	May 29-June 7...	.....	246	
	June 9-June 14...	.....	109	
	June 15-July 20...	.....	159	
	Aug. 4-Aug. 10...	14	4	
	Aug. 11-Aug. 24...	.....	15	
	Aug. 24-Aug. 31...	.....	46	
	Sept. 1-Sept. 5...	.....	111	
India:				
Bombay.....	Nov. 19-Dec. 24...	.....	15	
	Jan. 14-Feb. 4...	.....	8	
	Feb. 18-Feb. 25...	.....	1	
	Mar. 3-Mar. 31...	.....	18	
	Apr. 2-Apr. 28...	.....	33	
	Apr. 28-June 30...	.....	307	
	July 1-Sept. 22...	.....	226	
Calcutta.....	Nov. 10-Dec. 28...	.....	332	
	Dec. 28-Jan. 4...	.....	41	
	Jan. 4-Jan. 31...	.....	165	
	Feb. 1-Feb. 29...	.....	200	
	Mar. 1-Apr. 25...	.....	1,809	
	Apr. 25-May 30...	.....	817	
	May 31-June 27...	.....	167	
	June 27-Sept. 12...	.....	90	
Madras.....	June 6-June 13...	.....	3	
	July 4-July 17...	.....	3	
	July 25-July 31...	.....	1	
	Aug. 28-Sept. 18...	.....	36	
Singapore.....	Mar. 1-Mar. 31...	.....	4	
	July 1-July 31...	.....	7	
Japan:				
Yokohama.....	Nov. 8-Nov. 15...	1	1	
	June 12-June 19...	1	1	
	June 19-July 3...	3	3	
	Aug. 20-Aug. 26...	3	.....
Chiba Ken.....	Jan. 6-Jan. 25...	20	13	
	Jan. 24-Feb. 16...	23	16	
	July 2-July 11...	1	.....
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....
	Feb. 12-Feb. 15...	.....	2	
	July 2-July 11...	2	1	
	July 13-July 21...	2	1	
Fukuoka Ken.....	Feb. 29.....	1	.....
	June 8-July 11...	23	.....
	July 13-July 21...	5	.....

*To date of September 4, 20,289 cases of cholera, with 16,841 deaths, have been reported throughout Egypt, and during the period from August 25 to September 4, 1896, there were 470 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

Cholera and yellow fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Osaka Fu.....	Apr. 25.....	1	.....
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1	.....
	June 8-June 17...	1	.....
	July 13-July 21...	1	.....
Miyazaki Ken.....	July 2-July 11...	1	1	
Yamanashi Ken.....	June 24-July 13...	3	.....
Saitama Ken.....	June 24-July 3...	1	.....
	July 13-July 21...	1	.....
Okayama Ken.....	June 24-July 11...	4	.....
	July 13-July 21...	1	.....
Nogasaki Ken.....	Aug. 11-Aug. 20...	1	1	
Ishikawa Ken.....	June 24-July 3...	2	.....
Kioto Fu.....	June 17-July 3...	2	.....
	July 13-July 21...	1	1	
Hiogo Ken.....	June 17-July 11...	4	.....
	Aug. 11-Aug. 20...	1	.....
	Sept. 5-Sept. 12...	2	2	
Kagawa Ken.....	June 17-July 21...	3	.....
Kanagawa Ken.....	do.....	9	4	
	Aug. 21-Sept. 4...	3	.....
Miyagi Ken.....	June 17-July 3...	2	2	
Shidzuoka Ken.....	June 17-July 11...	3	1	
	July 13-July 21...	1	.....
Yamaguchi Ken.....	June 17-July 3...	1	1	
Shimane Ken.....	Apr. 18.....	1	.....
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17...	4	.....
	June 24-July 11...	31	5	
	July 13-July 21...	10	4	
	Aug. 11-Sept. 23...	26	8	
	Sept. 24-Sept. 30...	1	.....
Gumma Ken.....	June 24-July 3...	1	.....
Kochi Ken.....	do.....	1	.....
Tochigi Ken.....	June 24-July 11...	2	.....
Wakayama Ken.....	June 24-July 3...	1	.....
	July 13-July 21...	2	1	
Yamaguchi Ken.....	June 24-July 3...	1	.....
Yehime Ken.....	June 8-July 11...	3	.....
	July 13-July 21...	2	.....
Oyama Ken.....	Aug. 21-Sept. 4...	6	.....
Nagano Ken.....	Sept. 5-Sept. 14...	1	.....
Morocco:				
Casa Blanca.....	Jan. 11.....	.....	.....	Cholera reported.
Mazagan.....	do.....	.....	.....	Do.
Stellen.....	Dec. 15.....	.....	13	
Russia:				
Kiev (government).....	Oct. 13-Nov. 11...	156	64	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 25...	12	14	
St. Petersburg (government)	Nov. 17-Dec. 7...	21	.....
	Dec. 8-Dec. 28...	27	11	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3	.....
	Feb. 1-Feb. 8...	2	.....
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
	Dec. 14-Dec. 28...	24	12	
	Dec. 29-Jan. 11...	.....	1	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brenna.....	Jan. 17.....	.....	.....	Cholera reported.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....	.....	.....	Cholera reported in 3 localities.
Gazran.....	Dec. 21-Jan. 14...	67	42	

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Mar. 1-Mar. 31.....		5	On vessels from Rio de Janeiro.
	Apr. 1-Apr. 30.....		3	
Brazil:				
Ceara	Nov. 30.....	1	1	
	Dec. 24-Dec. 31.....		4	
	Mar. 1-Mar. 31.....		3	
	July 1-July 31.....		1	
Rio de Janeiro.....	Nov. 9-Nov. 30.....		43	
	Dec. 1-Dec. 28.....		136	
	Dec. 28-Jan. 11.....		190	
	Jan. 11-Feb. 1.....		382	
	Feb. 1-Feb. 8.....		111	
	Feb. 8-Feb. 29.....		594	
	Mar. 1-Mar. 14.....		468	
	Mar. 14-Mar. 28.....		459	
	Mar. 28-Apr. 11.....		305	
	Apr. 11-June 27.....		376	
	June 27-Aug. 29.....		30	
	Sept. 5-Sept. 19.....		3	
Nitheroy.....	Apr. 21.....			Yellow fever reported.
Pernambuco	Nov. 1-Nov. 15.....	8		
	Apr. 1-Apr. 30.....		8	
	May 1-May 31.....		2	
Bahia.....	Mar. 31.....			Do.
Sao Paulo.....	.....do.....			Do.
	Jan. 1-Jan. 31.....	5	3	
Araraguara	Apr. 4.....			Do.
Belem.....	.....do.....			Do.
Bicas .....	.....do.....			Do.
Barrado Pirahy .....	.....do.....			Do.
Campinas.....	Apr. 7-May 5.....	115		Do.
Casa Branca.....	May 5.....			Do.
Descalvado.....	Apr. 4.....			Do.
Dores de Pirahy.....	Apr. 11.....			Do.
Iahu.....	Apr. 4-May 5.....			Do.
Iaboticabal.....	.....do.....			Do.
Limeira.....	.....do.....			Do.
Leopoldina.....	Apr. 11.....			Do.
Parahybuna.....	Apr. 4.....			Do.
Porto Novo.....	Apr. 11.....			Do.
Sao Carlos de Pinhal.....	Apr. 4.....			Do.
San Jose Nepomuceno.....	.....do.....			Do.
Santos.....	Apr. 4-May 5.....			Do.
Parahyba do Sul Valenca.....	.....do.....			Do.
Rio Claro.....	.....do.....			Do.
Sorocaba .....	.....do.....			Do.
Uba.....	Apr. 11.....			Do.
Valenca.....	Apr. 4.....			Do.
Vassouras.....	.....do.....			Do.
Volta Grande .....	.....do.....			Do.
Cuba: *				
Buena Vista.....	Aug. 1.....			Yellow fever reported epidemic.
Caibarien.....	.....do.....			Do.
Camajuani.....	.....do.....			Do.
Cardenas.....	June 6-June 27.....	13	4	
	June 27-July 25.....	39	14	
	July 25-Aug. 29.....	128	39	
	Aug. 29-Sept. 19.....	104	27	
	Sept. 19-Oct. 17.....		16	
Cienfuegos.....	Dec. 8-Dec. 22.....		2	
	Dec. 29-Jan. 19.....		5	
	Feb. 16-Feb. 23.....		1	
	Apr. 19-May 3.....	1	1	
	May 25.....	1		
	June 1-June 7.....	9	2	
	June 14-June 28.....		9	
	June 28-July 26.....		39	
	July 26-Aug. 30.....		45	
	Aug. 30-Oct. 18.....		90	
Guantanamo.....	July 1-July 31.....		13	
	Sept. 1-Sept. 30.....		6	
Habana.....	Nov. 28-Dec. 19.....	40	14	In military hospital
	Dec. 26-Jan. 2.....	7	3	
	Jan. 2-Mar. 28.....	40	14	
	Apr. 2-Apr. 30.....		13	
	May 1-May 28.....	53	26	
	May 28-June 18.....	59	29	

* Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

Cholera and yellow fever, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Habana	June 18-June 25...	20	9	
	June 25-July 9...	105	45	
	July 9-July 23...	115	46	
	July 23-July 30...	90	40	
	July 31-Aug. 6...	120	55	
	Aug. 6-Aug. 20...	303	108	
	Aug. 20-Sept. 3...	300	131	
	Sept. 3-Sept. 10...	120	43	
	Sept. 10-Oct. 1...	257	123	
	Oct. 1-Oct. 8...	150	54	
	Oct. 8-Oct. 15...	195	65	
	Oct. 15-Oct. 22...	145	53	
	Mar. 15-Mar. 31...	.....	2	
Manzanillo	July 15-July 31...	.....	8	
	Aug. 1-Aug. 31...	.....	5	
	Sept. 1-Sept. 15...	.....	3	
Matanzas.....	June 17-June 24...	56	42	
	June 24-July 8...	124	85	
	July 8-July 29...	200	134	
	July 29-Sept. 30...	.....	267	
	Oct. 1-Oct. 23...	.....	41	
Placetas.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Remedios.....	do.....	.....	.....	Do.
Santiago.....	Dec. 7-Dec. 21...	.....	29	
	Dec. 21-Dec. 28...	.....	12	
	Dec. 28-Jan. 4...	.....	15	
	Jan. 4-Feb. 15...	.....	47	
	Feb. 22-Feb. 29...	.....	15	
	Mar. 1-Apr. 4...	.....	20	
	Apr. 4-May 30...	.....	22	
	June 1-June 6...	.....	2	
	June 6-June 27...	.....	14	
	June 27-July 4...	.....	7	
	July 4-Aug. 1...	.....	71	
	Aug. 8-Oct. 10...	.....	130	
	Dec. 1-Dec. 21...	.....	45	
	Dec. 25-Jan. 25...	.....	31	
	Feb. 1-Feb. 15...	.....	8	
Sagua la Grande.....	Mar. 13-Mar. 20...	.....	5	
	Apr. 4-Apr. 11...	.....	3	
	May 11-May 18...	.....	.....	Yellow fever reported.
	May 25-June 6...	.....	30	Yellow fever reported among troops.
	June 6-June 27...	171	14	
	July 4-July 18...	124	15	
	July 18-Aug. 8...	265	26	
	Aug. 8-Aug. 29...	230	35	
	Aug. 29-Oct. 3...	302	50	
	Oct. 3-Oct. 10...	63	12	
Yaguajay.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Vueltas.....	do.....	.....	.....	Do.
Zulueta.....	do.....	.....	.....	Do.
<i>Martinique, West Indies:</i>				
Fort de France.....	Aug. 3-Aug. 6...	.....	2	
<i>Mexico:</i>				
Acapulco.....	July 11-July 18...	1	.....
Tuxpan.....	Jan. 11-Jan. 25...	.....	4	
Vera Cruz.....	May 21-May 28...	5	.....
	May 28-June 5...	.....	.....	Yellow fever reported.
	July 29.....	3	.....
	July 30-Aug. 13...	6	.....
	Aug. 20-Aug. 27...	1	.....
<i>Peru:</i>				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
	Sept. 14.....	1	.....
<i>Puerto Rico:</i>				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	
	May 1-May 31...	14	4	
	June 1-June 30...	15	1	
	Sept. 1-Sept. 7...	2	1	
San Salvador.....	Oct. 19.....	.....	.....	Yellow fever reported.
<i>U. S. of Colombia:</i>				
Panama.....	Aug. 15-Aug. 22...	2	1	

BRAZIL.

*Sanitary report from Rio de Janeiro.*RIO DE JANEIRO, *September 29, 1896.*

SIR: I have the honor to transmit the report for the week ended September 26, 1896.

There were 4 deaths from *accesso pernicioso*, an increase of 1; 3 from smallpox, and 2 from beriberi, the same as in the foregoing week; 3 from enteric fever, a decrease of 2; none from measles, and 44 from tuberculosis, a decrease of 9. From all causes there were 209 deaths, a decrease of 49.

Yellow fever.—There are no new cases of this disease, nor deaths from it, an exceptional state of affairs.

Smallpox.—I have not yet heard of any case of this disease amongst the shipping, though it is on the increase in the towns. It is prevailing in the following stations of the Central Railway: Engenho Novo, Meyer, Todos os Santos, Engenho de Dentos, Encantado, Piedade, Cupertino, and Casbadura.

The authorities have sent physicians to those points to vaccinate the people. The general health of the towns was never better than at present.

Since last report the following-named ships have been inspected and received bills of health from this office: September 22, steamship *Birchfield*, British, for Galveston, Tex.; September 23, steamship *Cupua*, German, for New York; September 24, steamship *Olbers*, Belgian, for New York, and barkentine *C. W. Jones*, British, for Pensacola, Fla.; September 26, bark *Edinburg*, British, for Ship Island, Miss.; September 28, barkentine *Good News*, American, for Baltimore, and steamship *Straits of Menai*, British, for Port Eads, La.; September 29, steamship *Strabo*, British, Santos to New York, and steamship *Holbein*, British, Santos to New Orleans.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

CUBA.

Smallpox and yellow fever in Cuban seaports.

The United States consul at Cardenas reports 4 deaths from yellow fever during the week ended October 17.

The United States consul at Guantanamo reports 6 deaths from yellow fever during the month of September.

Under date of October 19 the United States consul at Cienfuegos reports that during the week ended October 18 there were in that city 17 deaths from yellow fever and 4 from smallpox.

The United States sanitary inspector at Sagua la Grande reports 12 deaths from yellow fever, with 63 cases during the week ended October 10.

The United States consul at Matanzas reports 27 deaths from yellow fever during the two weeks ended October 23.

BARACOA, September 24, 1896.

SIR: I have the honor to inform you that 2 cases of smallpox have developed in the town within the last few days, presumably brought from Manzanillo. Will report you further developments, if any. All necessary precautions are being taken to prevent the spread of disease.

I am, sir, your obedient servant,

A. T. TRIAY,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

HABANA, CUBA, October 24, 1896.

SIR: In the following mortuary report for the week ending October 22, which I have the honor of forwarding you to-day, it will be seen that yellow fever continues active among the Spanish soldiers, and smallpox among civilians.

During the week ending October 22, there were 262 deaths in this city, 53 of which were caused by yellow fever, with approximately 145 new cases, 33 were caused by smallpox with 220 new cases approximately, 12 were caused by enteric fever, 10 by so-called pernicious fever, 5 by paludal fever, 1 by bilious fever, 7 by dysentery, 10 by enteritis, 4 by pneumonia, and 31 by tuberculosis.

Fifty of the 53 deaths from yellow fever during the week were among Spanish soldiers in the military hospitals of the city, while the remaining 3 deaths from that disease were among civilians. All of the 33 deaths from smallpox were among civilians.

Very respectfully, your obedient servant,

D. M. BURGESS,
Sanitary Inspector, U. S. M. H. S.

HAYTI.

Sanitary report.

GONAIVES, HAYTI, October 2, 1896.

SIR: Your dispatch of September 10 has been duly received, and I am glad that no prevailing fever exists in this consular district. The health of this port is perfectly good, although there have been 2 cases of ship fever on board two Norwegian barks, which were in the harbor taking logwood. None of them sailed to America, one was bound for Dunkerque and the other went to Falmouth for orders. Be sure that had any yellow fever appeared in this town that this agency would have immediately informed you of the fact.

Believe me, sir, yours respectfully,

ETHIANT DUPUY,
United States Consular Agent.

JAPAN.

Report on the prevalence of cholera, dysentery, and smallpox.

YOKAHAMA, September 30, 1896.

SIR: I have the honor to inclose herewith the usual report of infectious disease in Japan, for period September 24 to September 30, 1896.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.
Sanitary Inspector, U. S. M. H. S.

Report of infectious disease in Japan, from September 24 to September 30, 1896.

Locality.	Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			56	17	1	
Osaka Fu.....			77	21	1	
Tokyo Fu.....	1		173	(*)	6	
Aichi Ken.....			543	143	1	
Akita Ken.....			200	21		
Awamori Ken.....			20	3		
Chiba Ken.....			81	20		
Fukuoka Ken.....			73	27		
Fukushima Ken.....			4	1		
Gumma Ken.....			479	136		
Hio-go Ken.....			71	23	34	42
Hiroshima Ken.....			203	90		
Ibaraki Ken.....			7	2		
Ishikawa Ken.....			181	64		
Kagoshima Ken.....			104	32		
Kanagawa Ken.....			70	11	6	1
Kochi Ken.....			102	31		
Kumamoto Ken.....			31	8		
Miyazaki Ken.....			33	8		
Nagasaki Ken.....			30	6		
Nara Ken.....			54	16		
Oita Ken.....			99	25		
Oyama Ken.....			227	77		
Okinawa Ken.....			4			
Saga Ken.....			5	5		
Saitama Ken.....			308	61		
Shizuoka Ken.....			171	31		
Shimane Ken.....			490	134		
Tokushima Ken.....			107	32	1	
Tottori Ken.....			93	31		
Toyama Ken.....			38	18		
Yamaguchi Ken.....			87	35		
Yamanashi Ken.....			178	40		
Yehime Ken.....			92	22		
The Hokkaido.....			33	2	3	
Total.....	1		4,524	1,243	53	43

* No report.

SPAIN.

Report on leprosy in the Marquisate of Denia.

DENIA, SPAIN, September 26, 1896.

SIR: The township of Pedreguer for agricultural importance is one of the foremost in the Marquisate of Denia. Situate at the base of a large mountain, it has sanitary and drainable advantages over the plain of Denia in that it is higher. From the sea and plain it is a picturesque looking place, and apparently a cleanly neighborhood. Nevertheless, leprosy has been the scourge of these poor people for a century.

The greater number of the inhabitants are vintagers, and when not engaged in that vocation they devote their time to plaiting palm hats, matting, etc.

This form of leprosy is not a plague, neither is it one of those afflictions that for its character is highly contagious and epidemic, causing rapid and terrible ravages in the population. It is less than that; the process is morbid.

Leprosy as it is here is a morbid state known through all epochs and ages, and described with more or less exactitude. It is sometimes confounded with other skin diseases. It seldom attacks more than one person in a like manner, but the final stages of the disease and its development are about the same in most cases. The face, the arms from the elbows to the finger-tips, and the lower limbs are the parts most frequently affected, presenting numerous tubercles, some hard and

fixed, others changeable in form and position, some ulcerous and others suppurative with variable color, but ordinarily of a whitish appearance. The mucous of the palate and of the larynx presents a yellowish color with granulations and minute tubercles of variable number and size. The stomach is nearly always sound, whilst the intestines are inflamed and the glands ulcerated, etc. Frequently in the final stages the fingers and toes drop off at the joints.

Besides those cases that have never been reported, there are about 90 on record at the present time. The first recorded case was in 1819.

Many authorities on pathology admit, or have admitted, as causes more or less determined of this affliction, humidity, use of raw pork, respiration of humid air, bad water, use of fish in a state of decomposition, repeated isolation, acidulous and over-pungent food, abuse of alcoholic beverages, grief, misery, privation, etc. The causes ascribed by a local physician are predisposition on the one hand and on the other inobservance of hygienic precepts.

The rude labor to which the peasantry of Pedaguer and vicinity devote themselves requires considerable muscular force, which necessarily, under the rays of the hot sun, keeps them in constant perspiration. The sweat mixed with the dust of the soil forms a paste that adheres to the body like a gum or varnish, which, consequently, impedes the functions of the skin, causing herpes and other cutaneous affections. Again, consider the fact that many, if not all, of these laborers have never in their brief existence made use of a bath—not even in the saline Mediterranean, which is adjacent. Some even believe it a crime to wash their faces, whilst children, as a rule, among this class never have their heads washed; the result is they are always seen with a black coating on their scalps. These people ignore ablution as a prerequisite of sound health and mind. Naturally, one must admit, these conditions do not tend to exterminate disease. Very salty food in bad state of conservation is used extensively by this class, which assists in developing leprosy.

The duration of the disease is from ten to thirty years. Prognosis, always grave; no complete recoveries.

There are diverse opinions relative to the contagiousness of this kind of leprosy. Some claim it contagious while others say it is infectious only. For example: One leper gave birth to a child, nursed it, and at the age of ten years it was to all appearance a sound boy. Again: A pig which was fed with the scraps from the table of a leper was given to a poor woman for meat for the winter; she was attacked with leprosy before she had finished the pig.

The opinion of a local physician may be worth quoting: "In my conception leprosy to-day can be considered only as a sporadic affection which does not invade more than one person at a time in one place, however, it may be transmitted to many more by the person attacked. It owes its existence to a concurrence of causes more or less known and to predisposition. It is sometimes caused by erysipelas, herpes, and papulous affections, and it is unequivocally inheritable."

To the vulgar of this locality, leprosy is an affliction of horrible and repugnant aspect; incurable, eminently contagious, and transmittable through direct or indirect contact; also, through infection.

To those devoted to the science of Esculapius, leprosy is not a disease exclusively of the skin, but more a morbidly constitutional state, contagious only in direct and immediate contact.

ANDREW F. FAY,
United States Consul.

HON. ASSISTANT SECRETARY OF STATE.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended October 9, 1896. Estimated population, 1,472. No deaths reported.

Green Turtle Cay.—Four weeks ended October 8, 1896. Estimated population, 3,900. No deaths reported.

New Providence, Nassau.—Two weeks ended October 13, 1896. Estimated population, 11,000. No deaths reported from contagious diseases.

BRITISH COLUMBIA—*Victoria*.—Three months ended September 30, 1896. Estimated population, 7,000. Total deaths, 71. No deaths from contagious diseases.

CUBA—*Guantanamo*.—Month of September, 1896. Estimated population, ——. Total deaths, 174, including 30 from smallpox and 6 from yellow fever.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended October 10, correspond to an annual rate of 16.7 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Manchester and Sunderland, viz, 21.5, and the lowest in Norwich, viz, 10.6 a thousand.

London.—One thousand three hundred and seventy-eight deaths were registered during the week, including measles, 14; scarlet fever, 24; diphtheria, 52; whooping cough, 19; enteric fever, 18, and diarrhea and dysentery, 29. The deaths from all causes correspond to an annual rate of 16.2 a thousand. In greater London 1,725 deaths were registered, corresponding to an annual rate of 14.6 a thousand of the population. In the "outer ring" the deaths included 9 from diphtheria, and 5 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 10 in the 16 principal town districts of Ireland was 19.1 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 4.2, and the highest in Drogheda, viz, 30.7 a thousand. In Dublin and suburbs 158 deaths were registered, including scarlet fever, 4; typhus fever, 2; enteric fever, 4, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended October 10 correspond to an annual rate of 17.7 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Leith, viz, 11.9, and the highest in Dundee, viz, 20.3 a thousand. The aggregate number of deaths registered from all causes was 517, including measles, 15; scarlet fever, 5; diphtheria, 3, and whooping cough, 7.

RUSSIA—*Riga*.—Month of July, 1896. Estimated population, 225,000. Total deaths, 772, including measles, 4; scarlet fever, 55; smallpox, 3; diphtheria, 5; whooping cough, 11, and phthisis pulmonalis, 33.

STRAITS SETTLEMENTS—*Singapore*.—Month of August, 1896. Esti-

mated population, 56,000. Total deaths, 895, including cholera, 40 ; beriberi, 62, and phthisis pulmonalis, 56.

WEST INDIES—*Guadeloupe*.—Eighteen days ended September 30, 1896. Estimated population, 18,500. Total deaths, 36. No deaths reported from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco.....	Oct. 10....	5,000	5									
Aix la Chapelle.....	Oct. 3....	111,526	39									
Alexandria.....	July 22....	231,396	190	23		3			1			2
Amherstburg.....	Oct. 17....	2,300	0									
Amsterdam.....	Oct. 10....	490,509	139					2	1	5	2	2
Belize.....	Oct. 16....	13,000	11									
Birmingham.....	Oct. 10....	501,241	170					1	4	6		1
Bluefields.....	do.....	3,000	2									
Bologna.....	Oct. 3....	149,067	51					4				4
Do.....	Oct. 10....	149,067	55					2				
Bombay.....	Sept. 22....	821,764	647	5		2					4	
Bremen.....	Oct. 3....	142,000	35									
Bristol.....	Oct. 10....	230,623	68					1	1	1		
Brussels.....	Oct. 3....	507,985	118					1	4		4	1
Cairo.....	July 22....	374,838	382	11		6	1	12				
Calcutta.....	Sept. 12....	681,560	373	1								1
Callao.....	Sept. 20....	25,000	26			5						3
Do.....	Sept. 27....	25,000	32			5						2
Cardenas.....	Oct. 17....	23,517	28		4	1	2	3				
Cardiff.....	Oct. 10....	162,690	38									
Colombo.....	Sept. 12....	130,000	83					2				
Do.....	Sept. 19....	130,000	89					4				
Catania.....	Oct. 6....	120,000	63						1	1		
Chatham.....	Oct. 17....	9,052	3									
Chemnitz.....	Oct. 10....	160,000	83									
Christiania.....	Oct. 3....	182,856	56							1		1
Cienfuegos.....	Oct. 18....	24,030	41		17	4						
Cologne.....	Oct. 3....	327,940	89							3	1	4
Copenhagen.....	Sept. 19....	333,714	109							1	1	2
Do.....	Sept. 27....	333,714	94					2		1		
Corunna.....	Sept. 26....	32,113	27			1				2	1	1
Do.....	Oct. 3....	32,113	23									1
Do.....	Oct. 10....	32,113	16									
Dusseldorf.....	Oct. 3....	180,825	53							1		
Edinburgh.....	Oct. 10....	276,514	72							1		
Flushing.....	do.....	16,300	7									
Frankfort on the Main.....	do.....	234,000	53					1				2
Funchal.....	do.....	35,665	19					1				
Genoa.....	do.....	211,659	84					1				
Ghent.....	do.....	157,214	46					1				1
Gibraltar.....	Oct. 4....	15,800	8									
Girgenti.....	Oct. 3....	24,428	4									
Gothenburg.....	Sept. 19....	114,527	25					1				
Do.....	Sept. 26....	114,527	27									
Do.....	Oct. 3....	114,527	22							1		
Guayaquil.....	Oct. 2....	50,000	36			3		13				
Habana.....	Oct. 8....	200,448	267		54	27		8				
Do.....	Oct. 15....	200,448	238		65	23		13				
Halifax.....	Oct. 17....	38,700	27						1	1		
Hamburg.....	Oct. 10....	625,552	178					3		1		1
Hongkong.....	Sept. 12....	238,724	*					1				
Honolulu.....	Sept. 26....	28,000	15									
Do.....	Oct. 3....	28,000	9									
Kingston.....	Oct. 16....	17,955	6									
Do.....	Oct. 23....	18,037	4									
Konigsberg.....	Oct. 10....	171,700										
Leeds.....	do.....	402,449	132					2	4	1		1
Leghorn.....	do.....	103,507	32					2				
Leith.....	do.....	74,110	17									
Liech.....	Oct. 3....	20,000	15			5	1	1				
Liege.....	Oct. 10....	163,107	52					2				1
Livingston.....	do.....	1,500	2									
London, Canada.....	do.....	34,429	5									
Do.....	Oct. 17....	34,429	15									
London, England.....	Oct. 3....	6,178,376	1,647					19	30	83		
Lyons.....	do.....	466,767	132					4	1	1		
Madrid.....	Sept. 18....	452,518	425	16		2					9	
Madrid.....	Oct. 7....	482,816	340			67		14		2	2	
Mannheim.....	Oct. 3....	92,000	39					1		2		
Matamoros.....	Oct. 16....	8,000	6									
Mayence.....	Oct. 10....	74,917	19							1		1
Messina.....	do.....	107,000	16					1				
Montevideo.....	Sept. 5....	244,342	53						1	1		
Do.....	Sept. 12....	244,342	59							2		

* Two deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Munich	Sept. 26....	406,000	173						1	2	3
Nagasaki.....	do.....	71,485								1	
Naples.....	Oct. 3....	542,396	129					11			
Do.....	Oct. 10....	542,396	171					13			
Nuremberg.....	Sept. 26....	165,283	70								
Odessa.....	Oct. 3....	253,000	216			2		2	25	2	5
Palermo.....	do.....	273,000	92							2	1
Plymouth.....	Oct. 10....	89,686	25							1	
Prague.....	Oct. 3....	198,017	100						1		
Puerto Cortez.....	Oct. 14....	1,950	0						1	1	
Quebec.....	Oct. 17....	70,000	5								
Queenstown.....	Sept. 26....	15,000	3							5	
Do.....	Oct. 3....	15,000	4								
Do.....	Oct. 10....	15,000	6								
Rheims.....	Oct. 3....	108,943	45								
Do.....	Oct. 10....	108,943	40					2			
Rio de Janeiro.....	Sept. 19....	650,000	258			3		5			1
Do.....	Sept. 26....	650,000	209			3		3			
Rio Grande do Sul.....	Aug. 8....	20,000	18			4					
Do.....	Aug. 15....	20,000	20			2					
Do.....	Aug. 22....	20,000	16			4					
Rome.....	Aug. 29....	473,296	136					4			
Do.....	Sept. 5....	473,296	139					1			
St. Petersburg.....	Oct. 3....	1,013,000	433					39	6	24	2
St. Stephen.....	Oct. 17....	3,000	4								
St. Thomas.....	Sept. 11....	12,019	8								
Do.....	Sept. 18....	12,019	3								
Do.....	Oct. 1....	12,019	3								
Do.....	Oct. 8....	12,019	7								
Sagua la Grande.....	Oct. 10....	17,536	32	12							
San Juan del Norte.....	do.....	1,280	0								
San Pedro, Honduras.....	do.....	3,800	0								
Santa Cruz del Sur.....	do.....	946	0								
Schledam.....	do.....	26,233	9								
Sheffield.....	do.....	349,802	125					4	3	1	8
Sonneberg.....	Sept. 19....	12,250	3								
Do.....	Sept. 26....	12,250	5								
Do.....	Oct. 3....	12,250	8								
Stettin.....	do.....	140,000	43								
Stockholm.....	do.....	267,100	85								
Stuttgart.....	Oct. 8....	158,378	57					1	1	1	1
Tegucigalpa.....	Oct. 5....	12,000	5								
Trapani.....	Oct. 3....	43,095	14								
Trieste.....	do.....	158,314	63					2	3	1	2
Tuxpan.....	do.....	10,280	10		1						
Venice.....	do.....	161,636	57					6			1
Vera Cruz.....	Oct. 15....	27,065	35								
Warsaw.....	Oct. 3....	553,643	258			5	1		20	4	6
Yarmouth.....	Oct. 17....	6,065	0								
Yokohama.....	Sept. 18....	170,252						1			
Zurich.....	Oct. 3....	149,000	33				1				1

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.

